

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S117	5	demodulat\$4 with (bi\$2polar\$1 or bi\$2phase\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:39
S118	65	demodulat\$4 with (bi\$2polar\$1 or bi\$2phase\$1) and ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 15:03

## EAST Search History

S119	211	(bi\$2polar\$1 or bi\$2phase\$1 or b\$1psk or (binary near2 phase near2 key\$3)) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:40
S120	88	differential\$2 near2 (decod\$3 or demodulat\$4) and (bi\$2polar\$1 or bi\$2phase\$1 or (b\$1psk or (binary near2 phase near2 key\$3))) and ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 15:45

## EAST Search History

S12 1	2	differential\$2 near2 (decod\$3 or demodulat\$4) same (bi\$2polar\$1 or bi\$2phase\$1 or (b\$1psk or (binary near2 phase near2 key\$3))) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 15:21
S12 2	13	(uni\$2polar\$1 or uni\$2phase) with (bi\$2polar\$1 or bi\$2phase\$1 or (b\$1psk or (binary near2 phase near2 key\$3))) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 15:20

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S12 3	5	differential\$2 near2 (decod\$3 or demodulat\$4) same (bi\$2polar\$1 or bi\$2phase\$1 or (b\$1psk or (binary near2 phase near2 key\$3))) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 15:22
S12 4	38	(bi\$2polar\$1 or bi\$2phase\$1 or (b\$1psk or (binary near2 phase near2 key\$3))) and differential\$2 near2 (decod\$3 or demodulat\$4) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 15:25
S12 5	4	(b\$1psk or (binary near2 phase near2 key\$3)) same differential\$2 near3 (detect\$3 or demodulat\$3 or decod\$3) same (polarit\$3 or sign\$1) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 16:06

## EAST Search History

S12 6	25	(b\$1psk or (binary near2 phase near2 key\$3)) and differential\$2 near3 (detect\$3 or demodulat\$3 or decod\$3) with (polarit\$3 or sign\$1) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 17:13
S12 7	10	(b\$1psk or (binary near2 phase near2 key\$3)) and differential\$2 near3 (detect\$3 or demodulat\$3 or decod\$3) same (polarit\$3 or sign\$1) near3 (estimat\$4 or detect\$3 or determin\$3 or determination\$1 or stor\$3 or record\$3 or writ\$3) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 17:24
S12 9	25	(b\$1psk or (binary near2 phase near2 key\$3)) and differential\$2 near3 (detect\$3 or demodulat\$3 or decod\$3) with (polarit\$3 or sign\$1) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 17:24
S13 0	52	(b\$1psk or (binary near2 phase near2 key\$3)) and differential\$2 near3 (detect\$3 or demodulat\$3 or decod\$3) same (polarit\$3 or sign\$1) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/24 09:17
S13 1	149	(bi\$2polar\$1 or bi\$2phase\$1 or bi\$2level\$1) and differential\$2 near3 (detect\$3 or demodulat\$3 or decod\$3) same (polarit\$3 or sign\$1 or ((sample\$1 or bit\$1 or chip\$1 or symbol\$1) near2 value\$1)) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 17:42

## EAST Search History

S13 2	6	(b\$1psk or (binary near2 phase near2 key\$3)) same match\$3 near2 filter\$3 near5 (polarit\$3 or sign\$1) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 17:47
S13 3	4	(b\$1psk or (binary near2 phase near2 key\$3)) and (polarit\$3 or sign\$1) near2 (estimat\$4 or determin\$3 or determination\$1 or detect\$4) with differential\$2 near2 (detect\$4 or demodulat\$4 or decod\$3 or cod\$3) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 17:54
S13 4	2	(b\$1psk or (binary near2 phase near2 key\$3)) and differential\$2 near3 receiver\$1 same (polarit\$3 or sign\$1) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/24 09:29
S14 0	11	(b\$1psk or (binary near2 phase near2 key\$3) or bi\$2polat\$1 or bi\$2phase\$1) and differential\$2 near3 (receiver\$1 or decod\$3 or demodulat\$4 or detect\$4) same phase near2 value\$1 near3 (estimat\$3 or determin\$3 or determination\$1 or detect\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/24 09:44
S14 1	297	(b\$1psk or (binary near2 phase near2 key\$3) or bi\$2polat\$1 or bi\$2phase\$1) and differential\$2 near3 (receiver\$1 or decod\$3 or detect\$4) same demodulat\$4 and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/24 09:45

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S14 2	220	(b\$1psk or (binary near2 phase near2 key\$3) or bi\$2polat\$1 or bi\$2phase\$1) and differential\$2 near3 (decod\$3 or detect\$4) same demodulat\$4 and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/24 09:46
S14 3	28	differential\$2 near3 (decod\$3 or detect\$4) same demodulat\$4 near3 (b\$1psk or (binary near2 phase near2 key\$3) or bi\$2polat\$1 or bi\$2phase\$1) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/24 09:46